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NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3	May 12 EXTEND option available in structure searching
NEWS	4	May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in Cplus
NEWS	6	May 27 Cplus super roles and document types searchable in REGISTRY
NEWS	7	Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8	Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9	Jul 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10	Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11	AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12	AUG 02 Cplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02 STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04 Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS EXPRESS	JULY 30	CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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NEWS WWW		CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 18:23:19 ON 16 AUG 2004

=> file medline, uspatful, dgene, embase, wpids

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 18:23:41 ON 16 AUG 2004

FILE 'USPATFULL' ENTERED AT 18:23:41 ON 16 AUG 2004
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FILE 'WPIDS' ENTERED AT 18:23:41 ON 16 AUG 2004
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=> s PROX
L1      1104 PROX

=> s l1 and DNA
L2      161 L1 AND DNA

=> s l2 and prostate cancer
      3 FILES SEARCHED...
L3      35 L2 AND PROSTATE CANCER
```

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=> s l2 and vector
L4      75 L2 AND VECTOR
```

```
=> s l4 and host cell
L5      55 L4 AND HOST CELL
```

```
=> s l3 and l5
L6      27 L3 AND L5
```

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=> d l6 ti abs ibib tot
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L6  ANSWER 1 OF 27  USPATFULL on STN
TI  Proteases
AB  The invention provides human proteases (PRTS) and polynucleotides which
    identify and encode PRTS. The invention also provides expression
    vectors, host cells, antibodies, agonists, and antagonists. The
    invention also provides methods for diagnosing, treating, or preventing
    disorders associated with aberrant expression of PRTS.
```

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

```
ACCESSION NUMBER: 2004:70042  USPATFULL
TITLE: Proteases
INVENTOR(S): Todd, Stephen, San Francisco, CA, UNITED STATES
              Delegeane, Angelo M, Milpitas, CA, UNITED STATES
              Gandhi, Ameena R, San Francisco, CA, UNITED STATES
              Nguyen, Dannel B, San Jose, CA, UNITED STATES
              Hafalia, April J A, Daly City, CA, UNITED STATES
              Kearney, Liam, San Francisco, CA, UNITED STATES
              Lu, Yan, Palo Alto, CA, UNITED STATES
              Lee, Ernestine A, Castro Valley, CA, UNITED STATES
              Chawla, Narinder K, Union City, CA, UNITED STATES
              Das, Debopriya, Mountain View, CA, UNITED STATES
              Arvizu, Chandra S, San Jose, CA, UNITED STATES
              Yao, Monique G, Carmel, IN, UNITED STATES
              Kallick, Deborah A, Stanford, CA, UNITED STATES
              Elliott, Vicki S, San Jose, CA, UNITED STATES
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Ding, Li, Creve Coeur, MI, UNITED STATES
 Yue, Henry, Sunnyvale, CA, UNITED STATES
 Reddy, Roopa M, Fremont, CA, UNITED STATES
 Lu, Dyung Aina M, San Jose, CA, UNITED STATES
 Ramkumar, Jayalaxmi, Fremont, CA, UNITED STATES
 Yang, Junming, San Jose, CA, UNITED STATES
 Tribouley, Catherine M, San Francisco, CA, UNITED STATES
 Burford, Neil, Durham, CT, UNITED STATES
 Baughn, Mariah R, San Leandro, CA, UNITED STATES
 Lal, Preeti G, Santa Clara, CA, UNITED STATES
 Borowsky, Mark L, Redwood City, CA, UNITED STATES
 Khan, Farrah A, Des Plaines, IL, UNITED STATES
 Gururajan, Rajagopal, San Jose, CA, UNITED STATES
 Tang, Y Tom, San Jose, CA, UNITED STATES
 Au-Young, Janice K, Brisbane, CA, UNITED STATES
 Warren, Bridget A, Encinitas, CA, UNITED STATES
 Hernandez, Roberto, Canterbury, UNITED KINGDOM
 Duggan, Brendan M, Sunnyvale, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004053269	A1	20040318
APPLICATION INFO.:	US 2003-363937	A1	20030304 (10)
	WO 2001-US28161		20010906
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	INCYTE CORPORATION, 3160 PORTER DRIVE, PALO ALTO, CA, 94304		
NUMBER OF CLAIMS:	89		
EXEMPLARY CLAIM:	1		
LINE COUNT:	8118		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L6 ANSWER 2 OF 27 USPATFULL on STN
 TI Poroplasts
 AB The invention provides compositions and methods for the production of achromosomal and anucleate cells useful for applications such as diagnostic and therapeutic uses, as well as research tools and agents for drug discovery.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 ACCESSION NUMBER: 2004:7465 USPATFULL
 TITLE: Poroplasts
 INVENTOR(S): Surber, Mark W., Coronado, CA, UNITED STATES
 Giacalone, Matthew, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004005700	A1	20040108
APPLICATION INFO.:	US 2002-157339	A1	20020528 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Page(s)		
LINE COUNT:	18539		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L6 ANSWER 3 OF 27 USPATFULL on STN
 TI Minicell-based screening for compounds and proteins that modulate the activity of signalling proteins

AB The invention provides compositions and methods for the production of achromosomal and anucleate cells useful for applications such as diagnostic and therapeutic uses, as well as research tools and agents for drug discovery.

ACCESSION NUMBER: 2003:330124 USPATFULL
TITLE: Minicell-based screening for compounds and proteins that modulate the activity of signalling proteins
INVENTOR(S): Surber, Mark W., Coronado, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003232335	A1	20031218
APPLICATION INFO.:	US 2002-157317	A1	20020528 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18564	

L6 ANSWER 4 OF 27 USPATFULL on STN

TI Antibodies to native conformations of membrane proteins

AB The invention provides compositions and methods for the production of achromosomal and anucleate cells useful for applications such as diagnostic and therapeutic uses, as well as research tools and agents for drug discovery.

ACCESSION NUMBER: 2003:318700 USPATFULL
TITLE: Antibodies to native conformations of membrane proteins
INVENTOR(S): Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003224444	A1	20031204
APPLICATION INFO.:	US 2002-157491	A1	20020528 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18559	

L6 ANSWER 5 OF 27 USPATFULL on STN

TI Reverse screening and target identification with minicells

AB The invention provides compositions and methods for the production of achromosomal and anucleate cells useful for applications such as diagnostic and therapeutic uses, as well as research tools and agents for drug discovery.

ACCESSION NUMBER: 2003:318625 USPATFULL
TITLE: Reverse screening and target identification with
minicells
INVENTOR(S): Surber, Mark W., Coronado, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Gerhart, William, La Mesa, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003224369	A1	20031204
APPLICATION INFO.:	US 2002-157171	A1	20020528 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18610	

L6 ANSWER 6 OF 27 USPATFULL on STN
TI Minicell-based bioremediation
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:312291 USPATFULL
TITLE: Minicell-based bioremediation
INVENTOR(S): Segall, Anca M., San Diego, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003219888	A1	20031127
APPLICATION INFO.:	US 2002-157418	A1	20020528 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
	US 2001-293566P	20010524 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18632	

L6 ANSWER 7 OF 27 USPATFULL on STN
TI Methods of making pharmaceutical compositions with minicells
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:311814 USPATFULL
TITLE: Methods of making pharmaceutical compositions with
minicells
INVENTOR(S): Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003219408	A1	20031127
APPLICATION INFO.:	US 2002-157320	A1	20020528 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
	US 2001-293566P	20010524 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18632	

L6 ANSWER 8 OF 27 USPATFULL on STN
TI Minicell-based delivery agents
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:300375 USPATFULL
TITLE: Minicell-based delivery agents
INVENTOR(S): Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003211599	A1	20031113
APPLICATION INFO.:	US 2002-157106	A1	20020528 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
	US 2001-293566P	20010524 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18671	

L6 ANSWER 9 OF 27 USPATFULL on STN
TI Minicell-based selective absorption
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents

for drug discovery.

ACCESSION NUMBER: 2003:299865 USPATFULL
TITLE: Minicell-based selective absorption
INVENTOR(S): Berkley, Neil, San Diego, CA, UNITED STATES
Sabbadini, Roger A., Lakeside, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003211086	A1	20031113
APPLICATION INFO.:	US 2002-157073	A1	20020528 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-295566P	20010605 (60)
	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18553	

L6 ANSWER 10 OF 27 USPATFULL on STN
TI Pharmaceutical compositions with minicells
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:294815 USPATFULL
TITLE: Pharmaceutical compositions with minicells
INVENTOR(S): Berkley, Neil, San Diego, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
Sabbadini, Roger A., Lakeside, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003207833	A1	20031106
APPLICATION INFO.:	US 2002-156811	A1	20020528 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18585	

L6 ANSWER 11 OF 27 USPATFULL on STN
TI Conjugated minicells
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:288723 USPATFULL
TITLE: Conjugated minicells

INVENTOR(S) : Surber, Mark W., Coronado, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003203481	A1	20031030
APPLICATION INFO.:	US 2002-157213	A1	20020528 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18551	

L6 ANSWER 12 OF 27 USPATFULL on STN
TI Methods of minicell-based delivery
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:288653 USPATFULL
TITLE: Methods of minicell-based delivery
INVENTOR(S) : Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003203411	A1	20031030
APPLICATION INFO.:	US 2002-156792	A1	20020528 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-295566P	20010605 (60)
	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18582	

L6 ANSWER 13 OF 27 USPATFULL on STN
TI Minicell-based diagnostics
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:288179 USPATFULL
TITLE: Minicell-based diagnostics
INVENTOR(S) : Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003202937	A1	20031030
APPLICATION INFO.:	US 2002-157178	A1	20020528 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-295566P	20010605 (60)
	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18527	

L6 ANSWER 14 OF 27 USPATFULL on STN

TI Membrane to membrane delivery

AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:282746 USPATFULL
TITLE: Membrane to membrane delivery
INVENTOR(S): Surber, Mark W., Coronado, CA, UNITED STATES
Sabbadini, Roger A., Lakeside, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003199089	A1	20031023
APPLICATION INFO.:	US 2002-157318	A1	20020528 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-295566P	20010605 (60)
	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18530	

L6 ANSWER 15 OF 27 USPATFULL on STN

TI Minicell-based gene therapy

AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:282745 USPATFULL
TITLE: Minicell-based gene therapy
INVENTOR(S): Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES

NUMBER	KIND	DATE

PATENT INFORMATION: US 2003199088 A1 20031023
APPLICATION INFO.: US 2002-156902 A1 20020528 (10)

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2001-295566P	20010605 (60)
	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	15300	

L6 ANSWER 16 OF 27 USPATFULL on STN
TI Solid supports with minicells
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:282662 USPATFULL
TITLE: Solid supports with minicells
INVENTOR(S): Sabbadini, Roger, Lakeside, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2003199005	A1	20031023
APPLICATION INFO.:	US 2002-157166	A1	20020528 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING		

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
	US 2001-293566P	20010524 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18494	

L6 ANSWER 17 OF 27 USPATFULL on STN
TI Minicell libraries
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:282653 USPATFULL
TITLE: Minicell libraries
INVENTOR(S): Surber, Mark W., Coronado, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Gerhart, William, La Mesa, CA, UNITED STATES
Sabbadini, Roger A., Lakeside, CA, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2003198996 A1 20031023
APPLICATION INFO.: US 2002-157147 A1 20020528 (10)
RELATED APPLN. INFO.: Division of Ser. No. US 2002-154951, filed on 24 May
2002, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-293566P	20010524 (60)
	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18482	

L6 ANSWER 18 OF 27 USPATFULL on STN
TI Forward screening with minicells
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:282652 USPATFULL
TITLE: Forward screening with minicells
INVENTOR(S): Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES
Gerhart, William, La Mesa, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003198995	A1	20031023
APPLICATION INFO.:	US 2002-156831	A1	20020528 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
	US 2001-293566P	20010524 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18533	

L6 ANSWER 19 OF 27 USPATFULL on STN
TI Minicell compositions and methods
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:276773 USPATFULL
TITLE: Minicell compositions and methods
INVENTOR(S): Surber, Mark W., Coronado, CA, UNITED STATES
Sabbadini, Roger A., Lakeside, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003194798	A1	20031016
APPLICATION INFO.:	US 2002-154951	A1	20020524 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-293566P	20010524 (60)
	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18583	

L6 ANSWER 20 OF 27 USPATFULL on STN
 TI Minicell-based transformation
 AB The invention provides compositions and methods for the production of
 achromosomal and anucleate cells useful for applications such as
 diagnostic and therapeutic uses, as well as research tools and agents
 for drug discovery.

ACCESSION NUMBER: 2003:276689 USPATFULL
 TITLE: Minicell-based transformation
 INVENTOR(S): Sabbadini, Roger A., Lakeside, CA, UNITED STATES
 Berkley, Neil, San Diego, CA, UNITED STATES
 Surber, Mark W., Coronado, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003194714	A1	20031016
APPLICATION INFO.:	US 2002-157299	A1	20020528 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-295566P	20010605 (60)
	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18595	

L6 ANSWER 21 OF 27 USPATFULL on STN
 TI Minicell-producing parent cells
 AB The invention provides compositions and methods for the production of
 achromosomal and anucleate cells useful for applications such as
 diagnostic and therapeutic uses, as well as research tools and agents
 for drug discovery.

ACCESSION NUMBER: 2003:271146 USPATFULL
 TITLE: Minicell-producing parent cells
 INVENTOR(S): Surber, Mark W., Coronado, CA, UNITED STATES
 Sabbadini, Roger A., Lakeside, CA, UNITED STATES
 Segall, Anca M., San Diego, CA, UNITED STATES
 Berkley, Neil, San Diego, CA, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2003190749 A1 20031009
APPLICATION INFO.: US 2002-157215 A1 20020528 (10)
RELATED APPLN. INFO.: Division of Ser. No. US 2002-154951, filed on 24 May
2002, PENDING

NUMBER DATE

PRIORITY INFORMATION: US 2002-359843P 20020225 (60)
US 2001-293566P 20010524 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET,
FOURTEENTH FLOOR, IRVINE, CA, 92614
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 18577

L6 ANSWER 22 OF 27 USPATFULL on STN
TI Minicell-based rational drug design
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:271080 USPATFULL
TITLE: Minicell-based rational drug design
INVENTOR(S): Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2003190683 A1 20031009
APPLICATION INFO.: US 2002-157302 A1 20020528 (10)
RELATED APPLN. INFO.: Division of Ser. No. US 2002-154951, filed on 24 May
2002, PENDING

NUMBER DATE

PRIORITY INFORMATION: US 2002-359843P 20020225 (60)
US 2001-293566P 20010524 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET,
FOURTEENTH FLOOR, IRVINE, CA, 92614
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 18539

L6 ANSWER 23 OF 27 USPATFULL on STN
TI Target display on minicells
AB The invention provides compositions and methods for the production of
achromosomal and anucleate cells useful for applications such as
diagnostic and therapeutic uses, as well as research tools and agents
for drug discovery.

ACCESSION NUMBER: 2003:270998 USPATFULL
TITLE: Target display on minicells
INVENTOR(S): Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Surber, Mark W., Coronada, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003190601	A1	20031009
APPLICATION INFO.:	US 2002-157096	A1	20020528 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
	US 2001-293566P	20010524 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18581	

L6 ANSWER 24 OF 27 USPATFULL on STN
 TI Minicell-based transfection
 AB The invention provides compositions and methods for the production of achromosomal and anucleate cells useful for applications such as diagnostic and therapeutic uses, as well as research tools and agents for drug discovery.

ACCESSION NUMBER: 2003:238122 USPATFULL
 TITLE: Minicell-based transfection
 INVENTOR(S): Sabbadini, Roger A., Lakeside, CA, UNITED STATES
 Berkley, Neil, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003166279	A1	20030904
APPLICATION INFO.:	US 2002-157391	A1	20020528 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-359843P	20020225 (60)
	US 2001-293566P	20010524 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18548	

L6 ANSWER 25 OF 27 USPATFULL on STN
 TI Minicells comprising membrane proteins
 AB The invention provides compositions and methods for the production of achromosomal and anucleate cells useful for applications such as diagnostic and therapeutic uses, as well as research tools and agents for drug discovery.

ACCESSION NUMBER: 2003:237942 USPATFULL
 TITLE: Minicells comprising membrane proteins
 INVENTOR(S): Sabbadini, Roger A., Lakeside, CA, UNITED STATES
 Surber, Mark W., Coronado, CA, UNITED STATES
 Berkley, Neil, San Diego, CA, UNITED STATES

Segall, Anca M., San Diego, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003166099	A1	20030904
APPLICATION INFO.:	US 2002-157305	A1	20020528 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-295566P	20010605 (60)
	US 2002-359843P	20020225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KNOBBE MARTENS OLSON & BEAR LLP, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	18580	

L6 ANSWER 26 OF 27 USPATFULL on STN

TI Human genes and gene expression products

AB This invention relates to novel human polynucleotides and variants thereof, their encoded polypeptides and variants thereof, to genes corresponding to these polynucleotides and to proteins expressed by the genes. The invention also relates to diagnostic and therapeutic agents employing such novel human polynucleotides, their corresponding genes or gene products, e.g., these genes and proteins, including probes, antisense constructs, and antibodies.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:64662 USPATFULL
TITLE: Human genes and gene expression products
INVENTOR(S): Williams, Lewis T., Mill Valley, CA, UNITED STATES
Escobedo, Jaime, Alamo, CA, UNITED STATES
Innis, Michael A., UNITED STATES
Garcia, Pablo Dominguez, San Francisco, CA, UNITED STATES
Sudduth-Klinger, Julie, Kensington, CA, UNITED STATES
Reinhard, Christoph, Alameda, CA, UNITED STATES
Randazzo, Filippo, Oakland, CA, UNITED STATES
Kennedy, Giulia C., San Francisco, CA, UNITED STATES
Pot, David, Arlington, VA, UNITED STATES
Kassam, Altaf, Oakland, CA, UNITED STATES
Lamson, George, Moraga, CA, UNITED STATES
Drmanac, Radjoe, Palo Alto, CA, UNITED STATES
Dickson, Mark, Hollister, CA, UNITED STATES
Labat, Ivan, Mountain View, CA, UNITED STATES
Jones, Lee William, Sunnyvale, CA, UNITED STATES
Stache-Crain, Birgit, Sunnyvale, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003044783	A1	20030306
APPLICATION INFO.:	US 2001-803719	A1	20010309 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-188609P	20000309 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Chiron Corporation Intellectual Property -R440, PO Box 8097, Emeryville, CA, 94662-8097	

NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1
LINE COUNT: 23459
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 27 OF 27 USPATFULL on STN
TI Novel amino acid sequences for human fetal brain-like polypeptides
AB This application is drawn to novel amino acid sequences for mammalian polypeptides that have sequence similarity to fetal brain tissue protein. The polypeptides are novel secreted proteins 649 amino acids in length.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2003:4266 USPATFULL
TITLE: Novel amino acid sequences for human fetal brain-like polypeptides
INVENTOR(S): Shimkets, Richard A., West Haven, CT, UNITED STATES
Fernandes, Elma, Branford, CT, UNITED STATES
PATENT ASSIGNEE(S): CuraGen Corporation, New Haven, CT (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003004310	A1	20030102
APPLICATION INFO.:	US 2001-4551	A1	20011205 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-635949, filed on 10 Aug 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-148433P	19990811 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MINTZ, LEVIN, COHN, FERRIS,, GLOVSKY AND POPEO, P.C., One Financial Center, Boston, MA, 02111	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Page(s)	
LINE COUNT:	6347	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(FILE 'HOME' ENTERED AT 18:23:19 ON 16 AUG 2004)

FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS' ENTERED AT 18:23:41 ON 16 AUG 2004

L1 1104 S PROX
L2 161 S L1 AND DNA
L3 35 S L2 AND PROSTATE CANCER
L4 75 S L2 AND VECTOR
L5 55 S L4 AND HOST CELL
L6 27 S L3 AND L5

=> s 16 and renal cancer
L7 1 L6 AND RENAL CANCER

=> e shimkets, r/au
E1 133 SHIMKETS RICHARD A/AU
E2 2 SHIMKETS RICHARD AUGUST/AU
E3 0 --> SHIMKETS, R/AU
E4 2 SHIMKEVICH A L/AU
E5 2 SHIMKEVICH A M/AU
E6 3 SHIMKEVICH ALEXANDER LVOVICH/AU

E7 1 SHIMKEVICH ANDREY M/AU
 E8 8 SHIMKEVICH I A/AU
 E9 1 SHIMKEVICH L D/AU
 E10 53 SHIMKEVICH L L/AU
 E11 6 SHIMKEVICH R L/AU
 E12 1 SHIMKEVICH S V/AU

=> s e1

L8 133 "SHIMKETS RICHARD A"/AU

=> s e2

L9 2 "SHIMKETS RICHARD AUGUST"/AU

=> s l8 and l9

L10 0 L8 AND L9

=> d his

(FILE 'HOME' ENTERED AT 18:23:19 ON 16 AUG 2004)

FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS' ENTERED AT 18:23:41 ON 16 AUG 2004

L1 1104 S PROX
 L2 161 S L1 AND DNA
 L3 35 S L2 AND PROSTATE CANCER
 L4 75 S L2 AND VECTOR
 L5 55 S L4 AND HOST CELL
 L6 27 S L3 AND L5
 L7 1 S L6 AND RENAL CANCER
 E SHIMKETS, R/AU
 L8 133 S E1
 L9 2 S E2
 L10 0 S L8 AND L9

=> s l1 and l8

L11 1 L1 AND L8

=> d l11 ti abs ibib tot

L11 ANSWER 1 OF 1 USPATFULL on STN

TI Novel amino acid sequences for human fetal brain-like polypeptides

AB This application is drawn to novel amino acid sequences for mammalian polypeptides that have sequence similarity to fetal brain tissue protein. The polypeptides are novel secreted proteins 649 amino acids in length.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:4266 USPATFULL

TITLE: Novel amino acid sequences for human fetal brain-like polypeptides

INVENTOR(S): **Shimkets, Richard A.**, West Haven, CT, UNITED STATES

Fernandes, Elma, Branford, CT, UNITED STATES

PATENT ASSIGNEE(S): CuraGen Corporation, New Haven, CT (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003004310	A1	20030102
APPLICATION INFO.:	US 2001-4551	A1	20011205 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-635949, filed on 10 Aug 2000, PENDING		

NUMBER	DATE
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PRIORITY INFORMATION: US 1999-148433P 19990811 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MINTZ, LEVIN, COHN, FERRIS,, GLOVSKY AND POPEO, P.C.,
One Financial Center, Boston, MA, 02111
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 5 Drawing Page(s)
LINE COUNT: 6347
CAS INDEXING IS AVAILABLE FOR THIS PATENT.